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Conveying Party(ies)



Mark if additional names of conveying parties attached

Month Day Year

Name (line 1) Minoru NAKANO September 20, 2000

Name (line 2)

Second Party

Execution Date

Name (line 1) Masaaki UENO September 20, 2000

Name (line 2)

Receiving Party



Mark if additional names of receiving parties attached

Name (line 1) Kokusai Electric Co., Ltd. If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 14-20, 3-chome, Higashi-Nakano

Address (line 2) Nakano-ku

Address (line 3) Tokyo Japan 164-8511

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Shahan Islam, Esq.

Address (line 1) Rosenman & Colin LLP

Address (line 2) 575 Madison Avenue

Address (line 3) New York, New York 10022-2585

Address (line 4) U.S.A.

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Correspondent Name and Address

Area Code and Telephone Number

(212) 940-8564

Name Shahan Islam, Esq.

Address (line 1) Rosenman & Colin LLP

Address (line 2) 575 Madison Avenue

Address (line 3) New York, New York 10022-2585

Address (line 4) U.S.A.

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Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

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If this document is being filed with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number

50-1290

Authorization to charge additional fees:

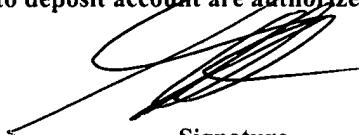
Yes

No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Shahan Islam
Name of Person Signing


Signature

September 29, 2000
Date

ADDITIONAL CONVEYING PARTY

Kazuo TANAKA

September 20, 2000

ASSIGNMENT (JOINT)

WHEREAS, WE, Minoru Nakano, Masaaki Ueno and Kazuo Tanaka, ASSIGNORS
and citizens, respectively of Inventors' Names
Japan, residing respectively at 14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan; 14-20,
Country/countries Respective Home Addresses
3-chome, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan; and 14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan, are the inventors of the invention in METHOD AND APPARATUS FOR CONTROLLING

Title of Application
A SEMICONDUCTOR FABRICATION TEMPERATURE, for which we have executed an application for a Patent of the United States; and

which is executed on _____ even date herewith or _____
Date of Execution
 which is identified by Rosenman & Colin LLP Docket No. _____
 which was filed on _____, Serial No. _____

WHEREAS, KOKUSAI ELECTRIC CO., LTD., 14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo **Name of Assignee**
164-8511, Japan, ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, or will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date: September 20, 2000

Minoru Nakano
Signature

Date: September 20, 2000

Masaaki Ueno
Signature

Date: September 20, 2000

Kazuo Tanaka
Signature

ROSENMAN & COLIN LLP
DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name,

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if more than one inventor's name is listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND APPARATUS FOR CONTROLLING A SEMICONDUCTOR FABRICATION TEMPERATURE**

Title of Invention
 the specification of which: is attached hereto [] was filed on _____ Application Serial No. _____
 (for declaration not accompanying application)

with amendment(s) filed on _____
 (date(s) of all amendments)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119/§172 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION

| APPLICATION NUMBER | COUNTRY | DATE OF FILING (Day, Month, Year) | PRIORITY CLAIMED UNDER 35 U.S.C. 119/172 | |
|--------------------|---------|--------------------------------------|---|----|
| 2000-019934 | Japan | 28, 01, 2000 | Yes <input checked="" type="checkbox"/> | No |
| | | | Yes _____ | No |
| | | | Yes _____ | No |

I hereby claim the benefit under Title 35, United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| APPLICATION NUMBER | FILING DATE | STATUS | | |
|-----------------------|-------------|----------|---------|-----------|
| | | PATENTED | PENDING | ABANDONED |
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POWER OF ATTORNEY: As a named inventor, I hereby appoint Shahid Islam (Reg. No. 32,507) whose address is Rosenman & Colin LLP, 575 Madison Avenue, New York, New York 10022-2585 as my attorney, to prosecute this application, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence To: SHAHAN ISLAM, ESQ.

ROSENMAN & COLIN LLP, 575 Madison Avenue, New York, New York 10022-2585 (212) 940-8800

Direct Telephone Number

| | | | | |
|---------------------------|--|--|--|-----------------------------|
| Full Name of 1st Inventor | Last Name Nakano | First Name Minoru | Middle Name | |
| Residence & Citizenship | City Tokyo | State or Foreign Country Japan | Country of Citizenship Japan | |
| Home Address | No. and Street Address 14-20, 3-chome, Higashi-Nakano, Nakano-ku | City Tokyo | State or Country Japan | Zip Code 164-8511 |
| Full Name of 2nd Inventor | Last Name Ueno | First Name Masaaki | Middle Name | |
| Residence & Citizenship | City Tokyo | State or Foreign Country Japan | Country of Citizenship Japan | |
| Home Address | No. and Street Address 14-20, 3-chome, Higashi-Nakano, Nakano-ku | City Tokyo | State or Country Japan | Zip Code 164-8511 |
| Full Name of 3rd Inventor | Last Name Tanaka | First Name Kazuo | Middle Name | |
| Residence & Citizenship | City Tokyo | State or Foreign Country Japan | Country of Citizenship Japan | |
| Home Address | No. and Street Address 14-20, 3-chome, Higashi-Nakano, Nakano-ku | City Tokyo | State or Country Japan | Zip Code 164-8511 |
| Full Name of 4th Inventor | Last Name | First Name | Middle Name | |
| Residence & Citizenship | City | State or Foreign Country | Country of Citizenship | |
| Home Address | No. and Street Address | City | State or Country | Zip Code |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| | | | |
|---|--|--|---------------------------|
| Signature of 1st Inventor <i>Minoru Nakano</i> | Signature of 2nd Inventor <i>Masaaki Ueno</i> | Signature of 3rd Inventor <i>Kazuo Tanaka</i> | Signature of 4th Inventor |
| Date <i>September 20, 2000</i> | Date <i>September 20, 2000</i> | Date <i>September 20, 2000</i> | Date |